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- at least a first actuator configured to impart a first force directly to the touch screen to thereby provide a haptic effect in response to the selection, the first force based on information output by a computer device,
- wherein a menu is displayed in the touch screen and the 5 haptic effect is a pulse delivered to the touch screen in response to a selection made between menu elements.
- 2. The haptic feedback device of claim 1, wherein the pulse is delivered perpendicular to the plane of the touch screen.
- **3.** The haptic feedback device of claim **1**, wherein the pulse 10 is delivered parallel to the plane of the touch screen.
- **4.** The haptic feedback device of claim **1**, wherein the haptic effect is a pulse, delivered perpendicular to the plane of the touch screen in response to movement of the select in association with a location at which a hyperlink of a web page 15 is displayed on the touch screen.
- 5. The haptic feedback device of claim 1, wherein the haptic effect is a pulse, delivered parallel to the plane of the touch screen in response to movement of the select in association with the location at which a hyperlink of the web page 20 is displayed on the touch screen.
- 6. The haptic feedback device of claim 1, wherein the pulse delivered to the touch screen varies in magnitude depending on which one of the plurality of menu elements is selected.
- 7. The haptic feedback device of claim 1, wherein the pulse 25 delivered to the touch screen varies in magnitude depending on an a frequency of use of the selected one of the plurality of menu elements.
  - 8. A haptic feedback device, comprising:
  - a touch screen operative to display a graphical image 30 received from a computer device and to output, to the computer device, a position signal indicative of a location, selected by a user, on the touch screen, the location having two dimensions; and
  - at least a first actuator operative to impart a first force 35 directly to the touch screen to thereby provide a haptic effect in response to the user selecting the location on the touch screen, the first force based on information received from the computer device,
  - wherein the graphical image is a menu comprising a plurality of menu items, and wherein the first force is a pulse imparted to the touch screen in response to the user selecting one of the plurality of menu items from the menu on the touch screen.

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- 9. The haptic feedback device of claim 8, wherein the pulse is delivered perpendicular to the plane of the touch screen.
- 10. The haptic feedback device of claim 8, wherein the pulse is delivered parallel to the plane of the touch screen.
- 11. The haptic feedback device of claim 8, wherein the pulse imparted to the touch screen varies in magnitude depending on which one of the plurality of menu items is selected.
- 12. The haptic feedback device of claim 8, wherein the pulse imparted to the touch screen varies in magnitude depending on a frequency of use of the selected one of the plurality of menu items.
  - 13. A haptic feedback device, comprising:
  - a touch screen that receives a menu comprising a plurality of menu items from a computer device, that displays the menu, and that, in response to a touch on the touch screen by a user, outputs a position signal to the computer device, the position signal indicative of a location of the touch on the touch screen by the user, the location having two dimensions, the location corresponding to one of the plurality of menu items; and
  - at least a first actuator that imparts a pulse to the touch screen at the one of the plurality of menu items based on information returned by the computer device in response to the position signal, the pulse thereby providing a haptic effect to the user in response to the user touching the one of the plurality of menu items.
- **14**. The haptic feedback device of claim **13**, wherein the pulse is delivered perpendicular to the plane of the touch screen
- **15**. The haptic feedback device of claim **13**, wherein the pulse is delivered parallel to the plane of the touch screen.
- 16. The haptic feedback device of claim 13, wherein the pulse imparted to the touch screen varies in magnitude depending on which one of the plurality of menu items is touched.
- 17. The haptic feedback device of claim 13, wherein the pulse imparted to the touch screen varies in magnitude depending on a frequency of use of the one of the plurality of menu items.

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